

Title (en)

A CONNECTED DEVICE ADAPTED TO MEASURE AT LEAST A PHYSICAL QUANTITY

Title (de)

ZUR MESSUNG VON MINDESTENS EINER PHYSIKALISCHEN GRÖSSE ANGEPASSTE, VERBUNDENE VORRICHTUNG

Title (fr)

DISPOSITIF CONNECTÉ CONÇU POUR MESURER AU MOINS UNE GRANDEUR PHYSIQUE

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Application

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Abstract (en)

[origin: EP3633534A1] The invention relates to a connected device (110) comprising at least one sensor (101) adapted to measure at least a physical quantity (100) and to report a measure of this physical quantity (100) to a remote device (106), the at least one sensor system (101) providing an output Z which is then digitized (102) in order to provide an output signal Y comprising a first and a second component, the first component being representative of the measured physical quantity X (100) and the second component being representative of the structural noise R introduced by the at least one sensor (101), wherein the connected device also comprises a noise generator (104) configured to: generate (104) using as an input at least one parameter representative of the structural noise R a blurring noise V which is uncorrelated with said structural noise R; combine the digital output signal Y with the blurring noise V in order to generate a signal Y'; transmit (105) signal Y' to the remote device (106).

IPC 8 full level

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